

FIGURE 1

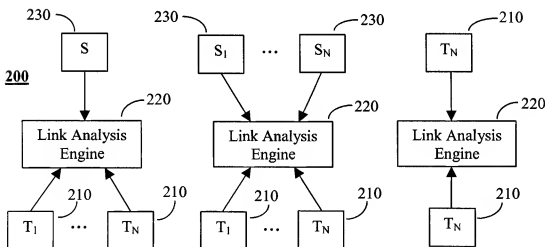
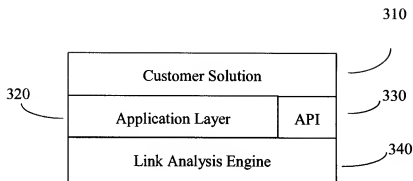
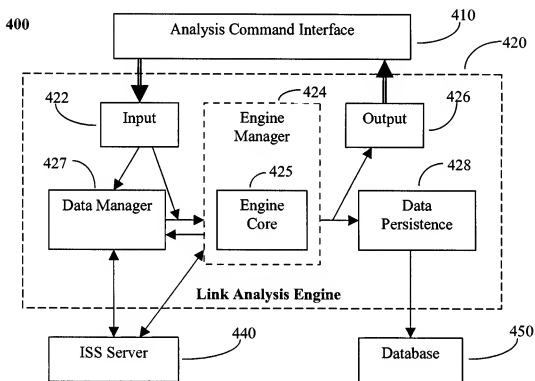


FIGURE 2A

FIGURE 2B

FIGURE 2C

300**FIGURE 3****FIGURE 4**

```

<SERVER poolSize="100" implementation="com.infoglide.autolink.core.Server"
  accessControlManager="com.infoglide.xcf.security.PrivilegeAccessControlManager">
  <CONNECTOR implementation="infoglide:connector:socket" port="5151"
    name="GATEWAY" host="gateway_host_name"/>
  <ACCEPTOR implementation="infoglide:acceptor:socket" port="5353"
    name="socket5353"/>
</SERVER>

```

FIGURE 5

```

<AUTOLINK op="execute" id="command_id" profile="profile_name"
  implementation="engine_implementation">
  <LINKANALYSIS_PROFILE>
    (see FIGURE 7 below)
  </LINKANALYSIS_PROFILE>
  <SOURCES data="inline/keys/query/none/database" cache="true/false"
    blockSize="50">
    <QUERY .../>
    or
    <DOCUMENT name="name" schema="schema">
    <DOCUMENT name="name" schema="schema"/>
  </SOURCES>
  <TARGETS data="inline/keys/query/database" cache="true/false">
    <QUERY .../>
    or
    <DOCUMENT name="name" schema="schema">
      (document contents)
    </DOCUMENT>
    <DOCUMENT name="name" schema="schema">
      (document contents)
    </DOCUMENT>
  </TARGETS>
</AUTOLINK>

```

FIGURE 6

```

<LINKANALYSIS_PROFILE id="ID" name="profile_name"
  implementation="engine_implementation" >
  <OPTIONS stopOnCount="count" analysisType="single/multiple/group"
    countType="1/2/3">
    <MINCOUNT> (count value) </MINCOUNT>
    <MAXCOUNT> (count value) </MAXCOUNT>
    <THRESHOLD> (threshold limits)
      <GT/> (greater than)
      <GT_EQ /> (greater than and equal)
      <LT/> (less than)
      <LT_EQ/> (less than and equal)
      <EQ/> (equal to)
      <NE/> (not equal to)
    </THRESHOLD>
    <SCORING includeMin="true/false" includeMax="true/false">
      <AVERAGE_TOP_N>number_of_scores</AVERAGE_TOP_N>
    </SCORING>
  </OPTIONS>
  <THRESHOLDS>
    <THRESHOLD path="name">
      (threshold limits)
    </THRESHOLD>
  </THRESHOLDS>
  <XTES>
    <XTE>Map 1</XTE>
    <XTE>Map 2</XTE>
  </XTES>
  <OUTPUTS detailLevel="1/2/3/4" persistence="0/1/2/3/4">
    <DATASOURCE>
      (persistence data source where the data is stored into)
    </DATASOURCE>
  </OUTPUTS>
</LINKANALYSIS_PROFILE>

```

FIGURE 7

```

<RESPONSE id="command_id">
  <RESULT>
    <CODE>0</CODE>
    <MESSAGE>result message text (optional)</MESSAGE>
    < ... detailed results to be defined as defined below...>
  </RESULT>
</RESPONSE>

```

FIGURE 8A

```

<RESPONSE id="command_id">
  <ERROR>
    <CODE>error code</CODE>
    <MESSAGE>error message text</MESSAGE>
  </ERROR>
</RESPONSE>

```

FIGURE 8B

```

<RESPONSE>
  <RESULT>
    <COUNT>2</COUNT>
  </RESULT>
</RESPONSE>

```

FIGURE 9A

```

<RESPONSE>
  <RESULT>
    <COUNT>5</COUNT>
    <SOURCE name="100" schema="claim" links="2" score="0.85"/>
    <SOURCE name="101" schema="claim" links="3"
      score="0.92" minScore="0.75" maxScore="1.0"/>
  </RESULT>
</RESPONSE>

```

FIGURE 9B

```

<RESPONSE>
  <RESULT>
    <COUNT>2</COUNT>
    <SOURCE name="100" schema="claim" links="2">
      <DOCUMENT name="200" schema="claim" score="1.0"/>
      <DOCUMENT name="300" schema="claim" score="0.95"/>
    </SOURCE>
  </RESULT>
</RESPONSE>

```

FIGURE 9C

```

<RESPONSE>
  <RESULT>
    <COUNT>1</COUNT>
    <SOURCE name="100" schema="claim" links="1">
      <DOCUMENT name="300" schema="claim" score="0.95">
        <APPLY>
          <WHERE>source attribute element path</WHERE>
          <FROM>attribute element path</FROM>
          <SCORE>attribute score</SCORE>
        </APPLY>
      </DOCUMENT>
    </SOURCE>
  </RESULT>
</RESPONSE>

```

FIGURE 9D

```

<LINKANALYSYS op="inlinecount">
  <SOURCES>
    <DOCUMENT name="100" schema="claim">
      <CLAIM><FirstName>Mike</FirstName></CLAIM>
    </DOCUMENT>
    <DOCUMENT name="200" schema="claim">
      <CLAIM><FirstName>Dan</FirstName></CLAIM>
    </DOCUMENT>
  </SOURCES>
  <TARGETS>
    <DOCUMENT name="*" schema="claim"/>
  </TARGETS>
  <LINKANALYSIS_PROFILE>
    <OPTIONS>
      <THRESHOLD>
        <GT/>0.8</GT> or
        <GT_EQ/>0.8</GT_EQ>
      </THRESHOLD>
    </OPTIONS>
  </LINKANALYSIS_PROFILE>
</LINKANALYSYS>

```

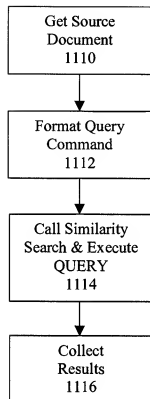
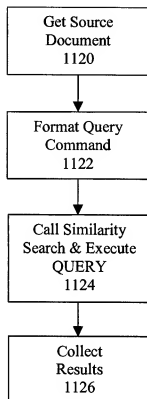
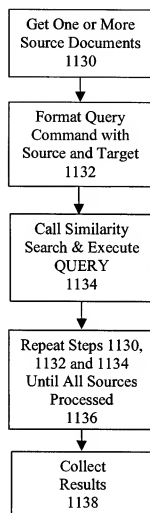
FIGURE 10A

```

<RESPONSE>
  <RESULT>
    <COUNT>5</COUNT>
    <SOURCE name="100" schema="claim" links="2"/>
    <SOURCE name="200" schema="claim" links="3"/>
  </RESULT>
</RESPONSE>

```

FIGURE 10B

1100**FIGURE 11A****FIGURE 11B****FIGURE 11C**

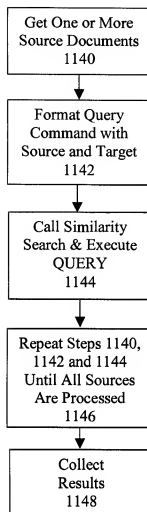


FIGURE 11D

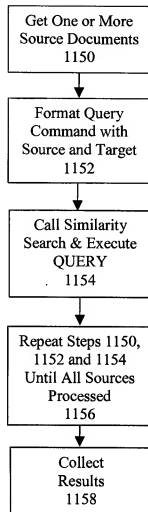


FIGURE 11E

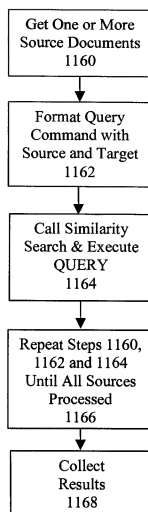
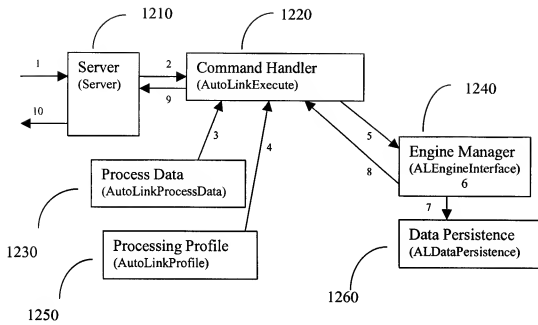
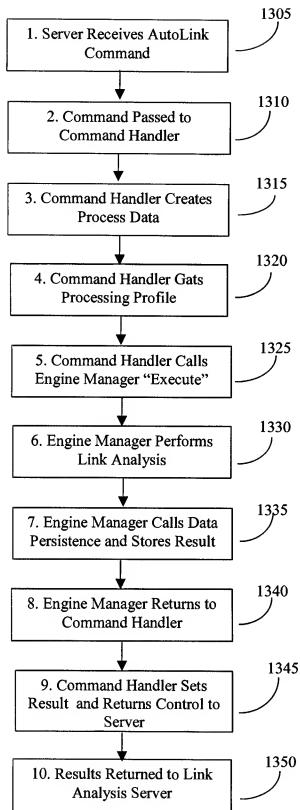


FIGURE 11F

1200**FIGURE 12**

**FIGURE 13**